

Converting Colors

XYZ(28.2798, 22.3784, 17.0381)

Have a look what the booklet for
XYZ(28.2798, 22.3784, 17.0381)
contains.

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Color

**XYZ(28.1830, 22.3343,
17.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	B96D6C
RGB	185, 109, 108
RGB Percent	73%, 43%, 42%
CMY	0.2745, 0.5725, 0.5765
CMYK	0.00, 0.41, 0.42, 0.27
HSL	1°, 35%, 57%
HSV	1°, 42%, 73%
XYZ	28.1830, 22.3343, 17.0129
YIQ	131.6100, 45.6170, 15.8010

Conversions

Conversions Part 2

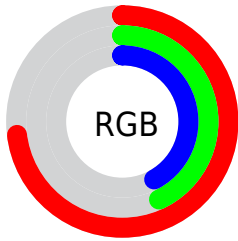
Format	Color
R_{YB}	185, 109, 108
Decimal	12152172
CIE Lab	54.38, 30.05, 13.62
CIE LCh	54, 32.998, 24.384
Yxy	22.3343, 0.4173, 0.3307
Android (android.graphics.Color)	4290342252 (0xFFB96D6C)
YUV	131.6100, -11.6397, 46.8230
Hunter-Lab	47.2592, 23.7449, 11.7375

Details

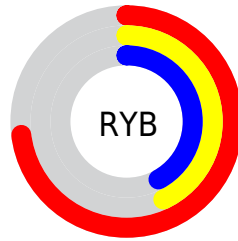
The XYZ color **28.1830, 22.3343, 17.0129** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.0809, 40.9700, 52.1160**, and the grayscale version is **21.8214, 22.9578, 25.0011**.

A 20% lighter version of the original color is **56.1405, 47.3986, 38.9908**, and **11.5114, 8.2358, 5.3978** is the 20% darker color. If you saturate the color by 10%, you get **25.5513, 18.4829, 11.7827**, and if you desaturate by 10%, it is **31.4294, 27.0806, 23.4791**.

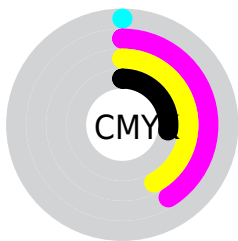
Distribution



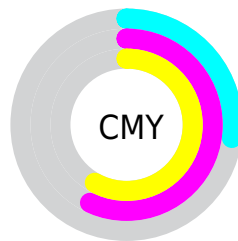
- Red (73%)
- Green (43%)
- Blue (42%)



- Red (73%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (27%)





- Cyan (27%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1830, 22.3343, 17.0129 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.1830, 22.3343, 17.0129 by changing the saturation by 10% instead.


 28.1830, 22.3343,
17.0129


 28.1830, 22.3343,
17.0129


285.4046,
264.2871, 247.2932


 18.6048, 14.1027,
10.0816


 56.1831, 47.2979,
39.1389

 11.4874, 8.1922,
5.3468


 75.3357, 64.7987,
55.1707

 6.4654, 4.2182,
2.3899


 98.4105, 86.1581,
75.0732

 3.1734, 1.7963,
0.7809

 125.7728,
111.7605, 99.2647

 1.2461, 0.4849,
0.0000

157.7880,
141.9901, 128.1640

 0.1423, 0.0000,
0.0000

194.8215,

 0.0000, 0.0000,

177.2315, 162.1894

0.0000

237.2385,
217.8691, 201.7596

■ 28.1830, 22.3343,
17.0129

■ 28.1830, 22.3343,
17.0129

■ 25.5513, 18.4829,
11.7827

■ 31.4294, 27.0806,
23.4791

■ 23.4940, 15.4673,
7.7086

■ 35.3239, 32.7695,
31.2518

■ 21.9686, 13.2265,
4.7034


■ 39.8997, 39.4493,
40.3976


■ 20.9263, 11.6898,
2.6669


■ 45.1873, 47.1640,
50.9783


■ 20.3091, 10.7735,
1.4800

■ 51.2150, 55.9548,
63.0520

 20.0337, 10.3667,
0.9451

 58.0100, 65.8611,
76.6734

 65.5978, 76.9198,
91.8945

 73.8175, 89.0543,
107.9063

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.8952, 22.3343, 26.3118



28.1830, 22.3343, 17.0129



25.5230, 22.3343, 11.4931

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1830, 22.3343, 17.0129



16.0800, 22.3343, 14.4981



20.5574, 22.3343, 49.8870

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.1830, 22.3343, 17.0129



32.0809, 40.9700, 52.1160

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.4442, 22.3343, 44.2740



28.1830, 22.3343, 17.0129



15.0535, 22.3343, 22.4280

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1830, 22.3343, 17.0129



18.4947, 22.3343, 10.3549



15.5233, 22.3343, 33.4627



24.2183, 22.3343, 47.2322

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1830, 22.3343, 17.0129



23.1479, 22.3343, 9.7788



15.5233, 22.3343, 33.4627



19.4175, 22.3343, 48.8655

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.1836, 22.3354, 17.0133



70.9549, 69.9161, 71.3414



34.1271, 24.5424, 48.8373



15.0558, 14.7213, 14.8986



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1836, 22.3354, 17.0133



46.1022, 33.6007, 21.7773



33.0706, 32.1094, 18.6423



9.0138, 9.0305, 9.3749



13.6454, 7.0672, 0.6449



0.4842, 0.2555, 0.0238

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.0809, 40.9700, 52.1160



54.0229, 71.4844, 93.1552



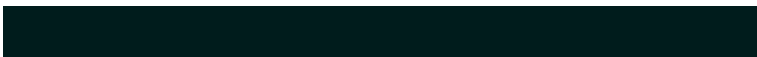
25.2976, 27.4034, 49.8549



9.2564, 10.1900, 11.5584



17.4394, 25.3384, 35.2247



0.6180, 0.8997, 1.2428

Previews

White Background



This preview shows how the XYZ color 28.1830, 22.3343, 17.0129 looks on a white background.

Color Contrast Check

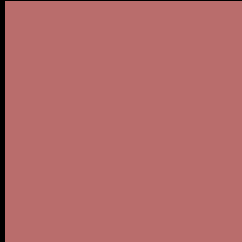
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1830, 22.3343, 17.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

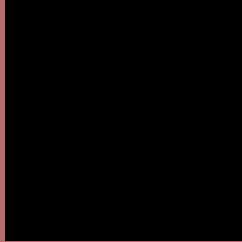
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1830, 22.3343, 17.0129

Background



This preview shows how black text looks on a background with the XYZ color 28.1830, 22.3343, 17.0129.



This preview shows how white text looks on a background with the XYZ color 28.1830, 22.3343,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.1830, 22.3343, 17.0129

Protanopia

21.4657, 22.5314, 20.6704

Deuteranopia

22.8323, 22.3626, 16.4776



Tritanopia

28.7646, 22.4252, 19.3354

Trichromacy



Original Color

28.1830, 22.3343, 17.0129

Protanomaly

23.3805, 22.0269, 19.2390

Deuteranomaly

24.5082, 22.1268, 16.6148

Tritanomaly

28.5929, 22.3565, 18.4310

Monochromacy



Original Color

28.1830, 22.3343, 17.0129

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.5453, 22.4247, 21.8263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1830, 22.3343, 17.0129 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(185, 109, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 28.1830, 22.3343, 17.0129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 109, 108) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 109, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 109, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 109, 108);  
box-shadow:4px 4px 4px 4px rgb(185, 109,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1830, 22.3343, 17.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 109, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
109, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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